

Title (en)

THERMOPLASTIC RESIN COMPOSITION AND MOLDED PRODUCT COMPRISING SAME

Title (de)

THERMOPLASTISCHE HARZZUSAMMENSETZUNG UND FORMPRODUKT DAMIT

Title (fr)

COMPOSITION DE RÉSINE THERMOPLASTIQUE ET PRODUIT MOULÉ LA COMPRENANT

Publication

EP 3357965 A4 20190626 (EN)

Application

EP 16852050 A 20160929

Priority

- KR 20150138246 A 20150930
- KR 2016010872 W 20160929

Abstract (en)

[origin: EP3357965A1] A thermoplastic resin composition of the present invention contains: a first aromatic vinyl-based resin, which is a copolymer of an aromatic vinyl-based monomer and a maleic acid anhydride; a second aromatic vinyl-based resin, which is a copolymer of an aromatic vinyl-based monomer, a maleic acid anhydride, and a maleimide-based monomer represented by chemical formula 1; a rubber-modified vinyl-based graft copolymer; and a reinforcing filler. The thermoplastic resin composition is excellent in view of heat resistance, rigidity, dimensional stability, and the like.

IPC 8 full level

C08L 25/08 (2006.01); **C08K 7/04** (2006.01); **C08L 35/06** (2006.01); **C08L 51/04** (2006.01); **C08K 7/06** (2006.01); **C08K 7/14** (2006.01); **C08L 55/02** (2006.01); **C08L 77/02** (2006.01)

CPC (source: EP US)

C08L 25/08 (2013.01 - EP US); **C08L 35/06** (2013.01 - US); **C08L 77/02** (2013.01 - EP US); **C08L 2205/025** (2013.01 - EP US); **C08L 2205/03** (2013.01 - EP US); **C08L 2205/035** (2013.01 - EP US); **C08L 2207/04** (2013.01 - US)

Citation (search report)

- [XA] US 2004048981 A1 20040311 - PARK JUNG HOON [KR], et al
- [X] US 5965666 A 19991012 - KOO JUNG-KEE [KR], et al
- [I] US 5650466 A 19970722 - GOTTSCHALK AXEL [DE], et al
- [A] US 4743646 A 19880510 - MIURA TETSUJI [JP], et al
- [A] WO 2005111147 A1 20051124 - CHEIL IND INC [KR], et al
- See references of WO 2017057904A1

Cited by

EP3705283A4; US11535722B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3357965 A1 20180808; EP 3357965 A4 20190626; EP 3357965 B1 20201118; KR 101800079 B1 20171121; KR 20170038604 A 20170407; US 10793710 B2 20201006; US 2018237630 A1 20180823; WO 2017057904 A1 20170406

DOCDB simple family (application)

EP 16852050 A 20160929; KR 20150138246 A 20150930; KR 2016010872 W 20160929; US 201615763879 A 20160929